



06-12-08

Attorney's Docket No.: 119365-00015 / 923

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Rene Gantier et al.

Art Unit : 1631

Serial No. : 10/658,355

Examiner : Russell Scott Negin

Filed : September 8, 2003

Conf. No. : 3519

Cust. No. : 77202

Title : RATIONAL DIRECTED PROTEIN EVOLUTION USING TWO-DIMENSIONAL RATIONAL MUTAGENESIS SCANNING

**Mail Stop Amendment**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**TRANSMITTAL LETTER**

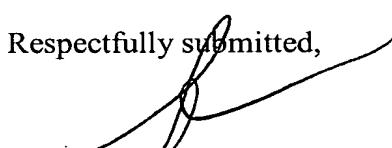
Dear Sir:

Transmitted herewith are a Supplemental Information Disclosure Statement (4 pages), a copy of a U.S. Office action, issued May 13, 2008, in connection U.S. Application Ser. No. 10/022,249 (16 pages), Change of Correspondence Address Application (1 page), and a return receipt postcard for filing in connection with the above-identified application.



The Commissioner is hereby authorized to charge any fees that may be due in connection with this paper or with this application during its entire pendency to Deposit Account No. 02-1818. A duplicate of this sheet is enclosed.

Respectfully submitted,

  
Stephanie Seidman  
Reg. No. 33,779

Attorney Docket No. 119365-00015 / 923

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**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**  
"Express Mail" Mailing Label Number EM 247735331 US  
Date of Deposit June 10, 2008.

I hereby certify that this paper is being deposited with the United States Postal "Express Mail Post Office to Addressee" Service under 37 CFR §1.10 on the date indicated above and is addressed to: Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA, 22313-1450.

Kethya Teuk



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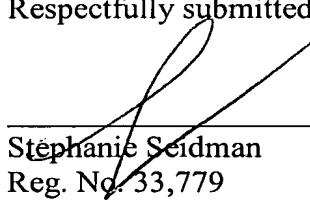
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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT IN  
ACCORDANCE WITH 37 C.F.R. §§1.97-1.98**

Dear Sir:

Because this Supplemental Information Disclosure Statement is after receipt of a first Office Action on the Merits of the above-captioned application, the filing fee of \$180 is enclosed. If no proper payment is enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal, or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 02-1818.

In accordance with the duty of disclosure imposed by 37 C.F.R. §1.56 to inform the Patent Office of all information known by Applicant or Applicant's representative that may be material to the examination of the subject application, Applicant's representative hereby provides this Supplemental Information Disclosure Statement that is prepared in accordance with 37 C.F.R. §§1.97-1.98.

A Copy of a U.S. Office Action (Document I), issued May 13, 2008, in connection with co-owned U.S. Application Ser. No. 10/022,249 is provided. The table below lists Document I and includes a column that provides a space next to the document to be considered, for the Examiner's initials.

CERTIFICATE OF MAILING BY "EXPRESS MAIL"  
"Express Mail" Mailing Label Number EM 247735331 US  
Date of Deposit June 10, 2008.

I hereby certify that this paper is being deposited with the United States Postal "Express Mail Post Office to Addressee" Service under 37 CFR §1.10 on the date indicated above and is addressed to: Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA, 22313-1450

 Kethy Teuk

Examiner Initial	Document No.	Document
	I	Copy of U.S. Office Action, issued May 13, 2008, in connection with U.S. Application Ser. 10/022,249

In the U.S. Office Action, issued May 13, 2008 (Document I), eight documents are cited: 1) US 5,223,409, 2) US 6,013,478, 3) WO 2001/32844, 4) Drittanti *et al.* "High throughput production, screening and analysis of adeno-associated viral vectors." *Gene Therapy* 7(11):924-929 (2000), 5) Giver *et al.* "Directed evolution of a thermostable esterase" *PNAS* 95:12809-12813 (1998), 6) Persson *et al.* "Virus-receptor interaction in the adenovirus system: characterization of the positive cooperative binding of virions on HeLa cells" *Journal of Virology* 54:92-97 (1985), 7) US 5,925,565, and 8) Blazquez *et al.*, "Single amino acid replacements at positions altered in naturally occurring extended-spectrum TEM beta-lactamases" *Antimicrobial Agents and Chemotherapy* 39:145-149. Documents 1-2 are made of record in the instant application in an Information Disclosure Statement, supplied with Forms PTO-1449 and copies of the cited non U.S. patent documents, filed November 11, 2004. Document 3 is made of record in the instant application in an Information Disclosure Statement, supplied with Forms PTO-1449 and copies of the cited non U.S. patent documents, filed January 21, 2005. Document 4 is made of record in the instant application in an Information Disclosure Statement, supplied with Forms PTO-1449 and copies of the cited non U.S. patent documents, filed March 17, 2004. Documents 5-6 are made of record in the instant application in an Information Disclosure Statement, supplied with Forms PTO-1449 and copies of the cited non U.S. patent documents, filed September 26, 2006. Document 7 is made of record in the instant application in an Information Disclosure Statement, supplied with Forms PTO-1449 and copies of the cited non U.S. patent documents, filed January 4, 2006. Document 8 is made of record in the instant application in an Information Disclosure Statement, supplied with Forms PTO-1449 and copies of the cited non U.S. patent documents, filed September 4, 2007.

Further to the list provided in the communication filed on September 4, 2007, applicant also makes known to the Examiner the following pending U.S. and International Applications that have one or more common inventors and/or are commonly owned:

Applicant : Rene Gantier et al.  
Serial No. : 10/658,355  
Filed : September 8, 2003

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<b>U.S.S.N.</b>	<b>Filing Date</b>	<b>Publ. No.</b>	<b>Publ. Date</b>	<b>Docket No.</b>
10/022,249	12/17/01	2003-0134351	07/17/03	911
10/022,390	12/17/01	2003-0129203	07/10/03	912
10/168,075	10/28/02	2003-0129584	07/10/03	n/a
10/658,834	09/08/03	2004-0132977	07/08/04	922
11/196,067	08/02/05	2006-0020396	01/26/06	923B
11/176,830	07/06/05	2006-0020116	01/26/06	922B
11/267,871	11/03/05	2007-0249532	10/25/07	925
11/476,173	06/26/06	2008-0026993	01/31/08	925B
11/412,939	04/28/06	2006-0195268	08/31/06	n/a
11/429,100	05/04/06	2006-0251619	11/09/06	926
11/656,921	01/22/07	2007-0254838	11/01/07	922E
11/703,610	02/06/07	2008-0075672	03/27/08	922C
11/704,141	02/07/07	n/a	n/a	922D
11/706,088	02/13/07	2007-0172459	07/26/07	922F
11/707,014	02/14/07	2007-0224665	09/27/07	922G
11/729,267	03/27/07	2008-0038224	02/14/08	924
11/729,266	03/27/07	2008-0003202	01/03/08	924B
11/788,836	04/19/07	n/a	n/a	932
11/818,985	06/15/07	n/a	n/a	930
11/825,604	07/05/07	n/a	n/a	922H
11/998,387	11/28/07	n/a	n/a	931
12/082,365	04/09/08	n/a	n/a	922I
12/082,389	04/09/08	n/a	n/a	922J
<b>Int'l App. No.</b>	<b>Filing Date</b>	<b>Publ No.</b>	<b>Publ. Date</b>	<b>Docket No.</b>
PCT/FR01/03503	12/13/00	WO 01/44809	06/21/01	n/a
PCT/FR01/01366	05/04/01	WO 01/86291	11/15/01	n/a
PCT/EP05/009528	09/05/05	WO 06/024547	03/09/06	n/a
PCT/IB02/03921	08/16/02	WO 03/023032	03/20/03	911PC
PCT/IB02/04087	08/16/02	WO 03/018820	03/06/03	912PC
PCT/IB03/004347	09/08/03	WO 04/022593	03/18/04	922PC
PCT/IB03/004255	09/08/03	WO 04/022747	03/18/04	923PC
PCT/IB05/003662	11/04/05	WO 06/048777	05/11/06	925PC
PCT/IB06/002034	05/04/06	WO 06/120580	11/16/06	926PC
PCT/EP07/002700	03/27/07	WO 07/110231	10/04/07	924PC
PCT/US07/14219	06/15/07	WO 07/149406	12/27/07	930PC
PCT/GB07/004520	11/27/2007	n/a	n/a	931PC

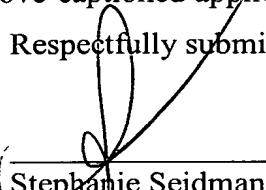
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Although these documents and applications are made known to the Patent and Trademark Office in compliance with Applicant's duty of disclosure, such disclosure is not to be construed as an admission by Applicant or Applicant's representative that any of the information, singly or in any combination thereof, is effective as prior art against the subject application. In accordance with 37 C.F.R. §1.97 (g and h), the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. §1.56 (b) exists.

Applicant respectfully requests that the Examiner review the foregoing documents and make them of record in the file history of the above-captioned application.

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